

PATENT
Serial No.: 10/574,424
Docket No.: PP021401.0012

I hereby certify that this correspondence (and all documents referred to herein) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date entered below.

September 27, 2007
Date

Sharleen Lane
Sharleen Lane

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

In Re Application of: CONTORNI

Serial No.: 10/574,424

Intl. Appln. No.: PCT/IB2004/003373

I.A. Filing Date: October 4, 2004

Title: LIQUID VACCINES FOR MULTIPLE
MENINGOCOCCAL SEROGROUPS

Confirmation No.: 7898

Group Art Unit: 1645

TRANSMITTAL

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the "Notification of Defective Response" mailed August 27, 2007 from the United States Patent and Trademark Office, the following documents are enclosed herewith:

1. COPY of the "Notification of Defective Response" mailed August 27, 2007.
2. **TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING INCLUDING:**
 - a. **Substitute** Paper Copy of the Sequence Listing (14 pages).
 - b. **Substitute** Compact Disc containing CRF Copy of Sequence Listing (1 CD); File name: 21401.0012 Seq list ST25.TXT
 - c. Statements in compliance with Sequence Listing rules.
3. RETURN RECEIPT POSTCARD.

PATENT
Serial No.: 10/574,424
Docket No.: PP021401.0012

The Commissioner is hereby authorized to charge any deficiency in fees or credit any overpayment associated with this communication and which may be due in this matter to Deposit Account No. 03-1664.

Respectfully submitted,
NOVARTIS VACCINES AND DIAGNOSTICS, INC.

Date: September 27, 2007

By: Helen Lee
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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PO Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.						
10/574,424	Mario Contorni	PP021401.0012						
INTERNATIONAL APPLICATION NO.								
PCT/IB04/03373								
I.A. FILING DATE		PRIORITY DATE						
10/04/2004		10/02/2003						
CONFIRMATION NO. 7898								
371 FORMALITIES LETTER								
 OC000000025550493								
EMERYVILLE - CIP AUG 3 1 2007 <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">F/F</td> <td style="padding: 2px;">M/D</td> <td style="padding: 2px;">Inv.</td> <td style="padding: 2px;">RF</td> <td style="padding: 2px;">ASG</td> <td style="padding: 2px;">PA</td> </tr> </table>			F/F	M/D	Inv.	RF	ASG	PA
F/F	M/D	Inv.	RF	ASG	PA			

Date Mailed: 08/27/2007

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 04/04/2006
- Copy of the International Search Report filed on 04/04/2006
- Biochemical Sequence Diskette filed on 04/19/2007
- Oath or Declaration filed on 04/19/2007
- Biochemical Sequence Listing filed on 04/19/2007
- U.S. Basic National Fees filed on 04/04/2006
- Priority Documents filed on 04/04/2006

DOCKETED on/by 8/31/07
 Atty. HL PA
 File # PP 21401.0012
 Due Date _____ Ext. _____
 Final Date 51880-US-PCT

Applicant's response filed 04/19/2007 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 02/20/2007 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

VIRGINIA L IRBY

Telephone: (703) 308-9140 EXT 229

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/574,424	PCT/IB04/03373	PP021401.0012

FORM PCT/DO/EO/916 (371 Formalities Notice)